

Converting Colors

XYZ(22.6654, 25.3954, 13.7293)

Have a look what the booklet for
XYZ(22.6654, 25.3954, 13.7293)
contains.

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Color

**XYZ(22.6375, 25.3685,
13.8287)**

Conversions

Conversions Part 1

Format	Color
Hex	8F8C5C
RGB	143, 140, 92
RGB Percent	56%, 55%, 36%
CMY	0.4392, 0.4510, 0.6392
CMYK	0.00, 0.02, 0.36, 0.44
HSL	56°, 22%, 46%
HSV	56°, 36%, 56%
XYZ	22.6375, 25.3685, 13.8287
YIQ	135.4250, 17.1960, -14.2920

Conversions

Conversions Part 2

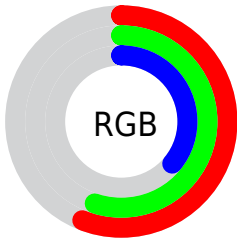
Format	Color
R_{YB}	95, 143, 92
Decimal	9407580
CIE Lab	57.43, -6.59, 26.08
CIE LCh	57, 26.896, 104.179
Yxy	25.3685, 0.3661, 0.4103
Android (android.graphics.Color)	4287597660 (0xFF8F8C5C)
YUV	135.4250, -21.4085, 6.6433
Hunter-Lab	50.3672, -7.9157, 18.9785

Details

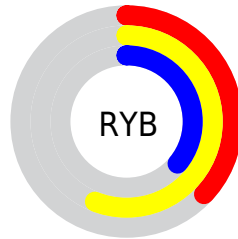
The XYZ color **22.6375, 25.3685, 13.8287** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **13.4637, 12.4425, 27.6785**, and the grayscale version is **23.2603, 24.4717, 26.6496**.

A 20% lighter version of the original color is **47.0538, 51.9934, 33.5423**, and **8.5435, 9.7771, 3.9195** is the 20% darker color. If you saturate the color by 10%, you get **21.9485, 24.8981, 10.8008**, and if you desaturate by 10%, it is **23.4468, 25.8903, 17.4796**.

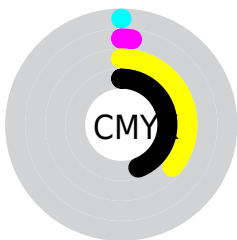
Distribution



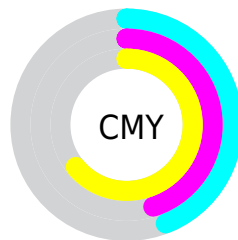
- Red (56%)
- Green (55%)
- Blue (36%)



- Red (37%)
- Yellow (56%)
- Blue (36%)



- Cyan (0%)
- Magenta (2%)
- Yellow (36%)
- Black (44%)



- Cyan (44%)
- Magenta (45%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.6375, 25.3685, 13.8287 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 22.6375, 25.3685, 13.8287 by changing the saturation by 10% instead.

■ 22.6375, 25.3685,
13.8287

■ 22.6375, 25.3685,
13.8287

258.4279,
279.6682, 227.5538

■ 14.4453, 16.3518,
7.8642

■ 47.2685, 52.2544,
33.4975

■ 8.5148, 9.7734,
3.9217

■ 64.4379, 70.8924,
48.0389

■ 4.4806, 5.2490,
1.5825

■ 85.3305, 93.5063,
66.2764

■ 1.9775, 2.3941,
0.2783

■ 110.3116,
120.4805, 88.6285

■ 0.6213, 0.8228,
0.0000

139.7465,
152.1994, 115.5138

■ 0.0000, 0.0000,
0.0000

174.0006,

189.0474, 147.3507

213.4393,
231.4088, 184.5579

■ 22.6375, 25.3685,
13.8287

■ 22.6375, 25.3685,
13.8287

■ 21.9485, 24.8981,
10.8008

■ 23.4468, 25.8903,
17.4796

■ 21.3711, 24.4730,
8.3591

■ 24.3805, 26.4624,
21.7840

■ 20.8988, 24.0914,
6.4656

■ 25.4450, 27.0884,
26.7728

■ 20.5232, 23.7500,
5.0772

■ 26.6458, 27.7704,
32.4740

■ 20.2350, 23.4450,
4.1443

■ 27.9877, 28.5104,
38.9143

■ 20.0205, 23.1710,
3.5953

■ 29.4757, 29.3103,
46.1189

■ 19.9358, 23.0559,
3.3995

■ 31.1144, 30.1720,
54.1119

■ 32.9080, 31.0972,
62.9164

■ 34.8607, 32.0876,
72.5543

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



25.8269, 25.3685, 13.9112



22.6375, 25.3685, 13.8287



20.0771, 25.3685, 16.8231

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



22.6375, 25.3685, 13.8287



19.9670, 25.3685, 41.7956



30.5224, 25.3685, 32.7046

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



22.6375, 25.3685, 13.8287



13.4637, 12.4425, 27.6785

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



28.6542, 25.3685, 42.2676



22.6375, 25.3685, 13.8287



22.4748, 25.3685, 48.2559

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



22.6375, 25.3685, 13.8287



18.6301, 25.3685, 32.1622



25.6492, 25.3685, 48.4456



30.5758, 25.3685, 23.5305

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



22.6375, 25.3685, 13.8287



18.9915, 25.3685, 20.6422



25.6492, 25.3685, 48.4456



30.0789, 25.3685, 36.0207

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



22.6381, 25.3697, 13.8292



44.4771, 47.8749, 42.8161



17.2388, 14.3277, 12.7793



10.1481, 10.9484, 9.5779



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



22.6381, 25.3697, 13.8292



39.5082, 44.7309, 20.2161



19.6255, 24.4753, 13.8154



5.8128, 6.2319, 5.7859



17.6324, 20.3966, 3.0076



0.1739, 0.2057, 0.0305

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



13.4637, 12.4425, 27.6785



20.4988, 17.9492, 48.9222



15.7377, 13.2219, 27.7091



5.1535, 5.3027, 6.7807



4.4699, 1.9258, 23.1132



0.0468, 0.0265, 0.2223

Previews

White Background



This preview shows how the XYZ color 22.6375, 25.3685, 13.8287 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 22.6375, 25.3685, 13.8287 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 22.6375, 25.3685, 13.8287

Background



This preview shows how black text looks on a background with the XYZ color 22.6375, 25.3685, 13.8287.



This preview shows how white text looks on a background with the XYZ color 22.6375, 25.3685,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

22.6375, 25.3685, 13.8287

Protanopia

23.5545, 25.4163, 13.5619

Deuteranopia

25.7887, 25.3100, 14.1158



Tritanopia

25.9536, 25.4534, 29.9306

Trichromacy



Original Color

22.6375, 25.3685, 13.8287

Protanomaly

23.1536, 25.4236, 13.5845

Deuteranomaly

24.5444, 25.2864, 13.9431

Tritanomaly

24.5385, 25.2920, 22.9906

Monochromacy



Original Color

22.6375, 25.3685, 13.8287

Achromatopsia

23.0288, 24.2281, 26.3844

Achromatomaly

22.7567, 24.6265, 21.0067

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.6375, 25.3685, 13.8287 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(143, 140, 92)` looks like.

```
.text, #text, p{  
    color:rgb(143, 140, 92)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(143, 140, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 140, 92) }
```

Border

The CSS property to change the border of an element to XYZ 22.6375, 25.3685, 13.8287 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(143, 140, 92) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(143, 140, 92) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(143, 140, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 140, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 140, 92);  
box-shadow:4px 4px 4px 4px rgb(143, 140,  
92) }
```

Background

The CSS property to change the background color of an element to XYZ 22.6375, 25.3685, 13.8287 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 140, 92) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(143,  
140, 92) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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